

OPINION 1371

PACHYCEPHALOSAURUS BROWN & SCHLAIKJER, 1943
AND *TROODON WYOMINGENSIS* GILMORE, 1931
(REPTILIA, DINOSAURIA): CONSERVED

RULING.—(1) Under the plenary powers the generic name *Tylosteus* Leidy, 1872 and the specific name *ornatus* published in conjunction with it, are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The name *Pachycephalosaurus* Brown & Schlaikjer, 1943 (gender: masculine), type species by original designation, *Pachycephalosaurus grangeri* Brown & Schlaikjer, 1943, is hereby placed on the Official List of Generic Names in Zoology.

(3) The name *wyomingensis* Gilmore, 1931, as published in the binomen *Troodon wyomingensis* (the valid name at the time of this ruling for the type species of *Pachycephalosaurus* Brown & Schlaikjer, 1943) is hereby placed on the Official List of Specific Names in Zoology.

(4) The name *PACHYCEPHALOSAURIDAE* Sternberg, 1945 (type genus *Pachycephalosaurus* Brown & Schlaikjer, 1943) is hereby placed on the Official List of Family-Group Names in Zoology.

(5) The generic name *Tylosteus* Leidy, 1872 and the specific name *ornatus* published in conjunction with it and as suppressed under the plenary powers in (1) above are hereby placed on the Official Indexes of Rejected and Invalid Generic and Specific Names in Zoology, respectively.

HISTORY OF THE CASE Z.N.(S.)2323

An application for the conservation of *Pachycephalosaurus* Brown & Schlaikjer, 1943 and *Troodon wyomingensis* Gilmore, 1931 was first received from Dr D. Baird (*Princeton University, New Jersey, U.S.A.*) on 8 October 1979. After correspondence a revised draft was sent to the printers on 19 April 1983 and published in *Bull. zool. Nom.*, vol. 40, pp. 184–187. Public notice of the possible use of the plenary powers in the case was given in the same part of the *Bulletin* as well as to ten general and two specialist serials. No comment was received.

DECISION OF THE COMMISSION

On 16 September 1985 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1985) 41 for or against the proposals set out in *Bull. zool. Nom.* vol. 40, p. 186. At the close of the voting period on 16 December 1985 the state of the voting was as follows:

Affirmative Votes—twenty-two (22) received in the following order:

Melville, Holthuis, Cocks, Willink, Savage, Kabata, Corliss, Alvarado, Uéno, Hahn, Starobogatov, Trjapitzin, Zheng, Cogger, Lehtinen, Schuster, Bernardi, Ride, Thompson, Halvorsen, Dupuis, Heppell

Negative Votes—one (1) Mroczkowski.

No votes were returned by Bayer, Gruchy and Kraus.

Mroczkowski commented: 'As *Tylosteus* Leidy, 1872 and *Pachycephalosaurus* Brown & Schlaikjer, 1943 are only subjective synonyms, I think that the relative precedence procedure should have been adopted in this case'.

ORIGINAL REFERENCES

The following are the original references to the names placed on Official Lists and Official Indexes by the ruling given in the present Opinion: *ornatus*, *Tylosteus*, Leidy, 1872, *Proc. Acad. nat. Sci. Philadelphia*, 1872, p. 40

PACHYCEPHALOSAURIDAE Sternberg, 1945, *J. Paleontol.*, vol. 19(5), p. 535
Pachycephalosaurus Brown & Schlaikjer, 1943, *Bull. am. Mus. nat. Hist.*, vol. 82(5), p. 132

Tylosteus Leidy, 1872, *Proc. Acad. nat. Sci. Philadelphia* 1872, p. 40
wyomingensis, *Troodon*, Gilmore, 1931, *Proc. U.S. natn. Mus.*, vol. 79(9), pp. 1-4.

CERTIFICATE

I hereby certify that the votes cast on Voting Paper (1985) 41 were cast as set out above, that the proposals contained in that voting paper have been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion No. 1371.

P. K. TUBBS
Executive Secretary
International Commission on Zoological Nomenclature
London
16 December 1985